



# Iowa Acute Disease Monthly Update

**Center for Acute Disease Epidemiology  
February  
2017**



Iowa Department of Public Health

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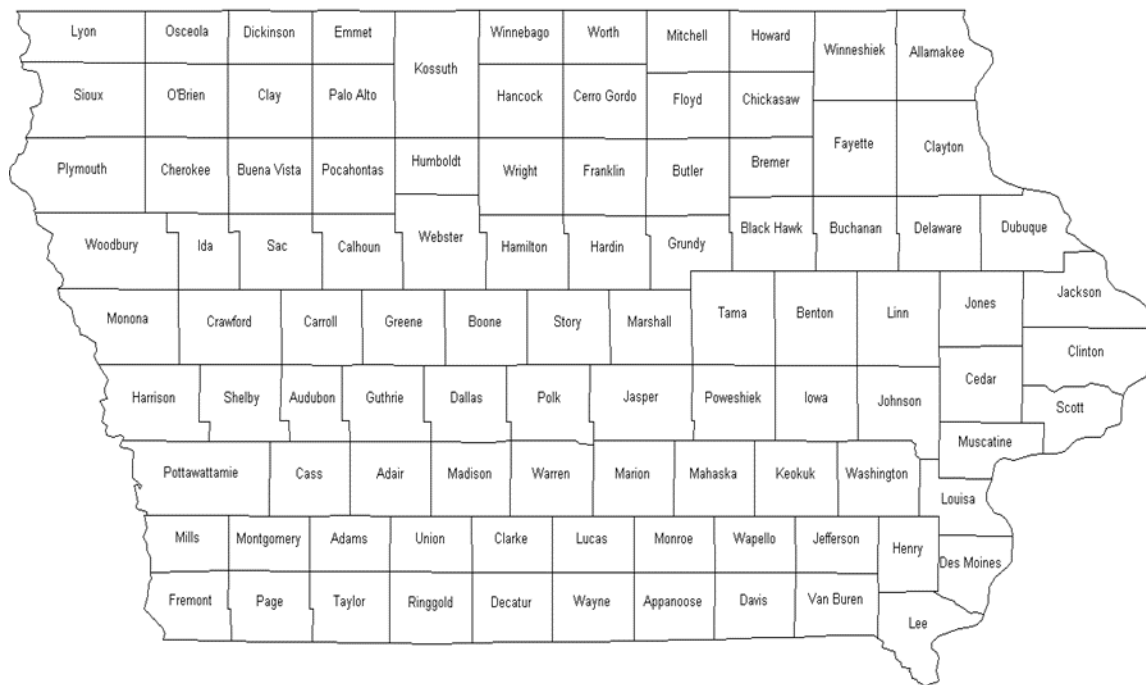
## INTRODUCTION

The Center for Acute Disease Epidemiology (CADE) uses the most recent Council of State and Territorial Epidemiologists (CSTE) / Centers for Disease Control and Prevention (CDC) case definitions found on the [National Notifiable Disease Surveillance System \(NNDSS\)](#) page. These definitions are used to classify the case as confirmed, probable, suspect, not a case, or awaiting more information. **Only confirmed and probable cases meeting the CSTE/CDC case definitions are included in official case counts.** CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

Disease case counts were compiled from the Iowa Disease Surveillance System (IDSS). IDSS data updated frequently, therefore case counts may differ slightly for the same time period if updates are made after this report is generated.

Rates were calculated using the 2010 census population for the State of Iowa.

## Iowa County Boundaries and Population



POPULATION		IOWA		3,046,355	
2010 CENSUS					
ADAIR	7,472	FLOYD	16,092	MONONA	9,121
ADAMS	3,894	FRANKLIN	10,548	MONROE	8,012
ALLAMAKEE	14,169	FREMONT	7,080	MONTGOMERY	10,424
APPANOOSE	12,692	GREENE	9,139	MUSCATINE	42,836
AUDUBON	5,873	GRUNDY	12,314	O'BRIEN	14,044
BENTON	25,699	GUTHRIE	10,687	OSCEOLA	6,211
BLACK HAWK	132,546	HAMILTON	15,312	PAGE	15,713
BOONE	26,364	HANCOCK	11,094	PALO ALTO	9,185
BREMER	24,624	HARDIN	17,441	PLYMOUTH	24,957
BUCHANAN	20,976	HARRISON	14,431	POCAHONTAS	7,154
BUENA VISTA	20,567	HENRY	20,222	POLK	451,677
BUTLER	15,021	HOWARD	9,526	POTTAWATTAMIE	92,728
CALHOUN	9,926	HUMBOLDT	9,688	POWESHIEK	18,601
CARROLL	20,598	IDA	7,141	RINGGOLD	5,072
CASS	13,598	IOWA	16,330	SAC	10,071
CEDAR	18,393	JACKSON	19,587	SCOTT	170,385
CERRO GORDO	43,575	JASPER	36,641	SHELBY	11,961
CHEROKEE	11,945	JEFFERSON	16,810	SIOUX	34,547
CHICKASAW	12,321	JOHNSON	139,155	STORY	92,406
CLARKE	9,325	JONES	20,611	TAMA	17,576
CLAY	16,491	KEOKUK	10,329	TAYLOR	6,161
CLAYTON	17,773	KOSSUTH	15,321	UNION	12,583
CLINTON	48,420	LEE	35,682	VAN BUREN	7,436
CRAWFORD	17,434	LINN	216,111	WAPELLO	35,391
DALLAS	74,641	LOUISA	11,282	WARREN	47,336
DAVIS	8,791	LUCAS	8,746	WASHINGTON	22,015
DECATUR	8,136	LYON	11,712	WAYNE	6,402
DELAWARE	17,534	MADISON	15,448	WEBSTER	37,044
DES MOINES	40,480	MAHASKA	22,417	WINNEBAGO	10,554
DICKINSON	16,955	MARION	33,252	WINNESHIEK	20,994
DUBUQUE	95,697	MARSHALL	40,994	WOODBURY	102,130
EMMET	9,996	MILLS	14,896	WORTH	7,541
FAYETTE	20,502	MITCHELL	10,709	WRIGHT	12,972

# Case Counts for January 2017

Confirmed, Probable and (Suspect)\* Cases

	Campylobacter	CRE Citrobacter	CRE Enterobacter	CRE Escherichia coli	CRE Klebsiella	Cryptosporidium	E. coli (STEC)	Giardia	Hepatitis A	Hepatitis B acute	Hepatitis B chronic	Legionellosis	Lyme	Malaria	Mumps	Pertussis	Salmonella	Shigella	Total
Adair	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Appanoose	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Audubon	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Benton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Black Hawk	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2
Boone	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	2
Buchanan	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Buena Vista	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Calhoun	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Carroll	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Cedar	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Cerro Gordo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Cherokee	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Chickasaw	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Clayton	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2
Clinton	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	3
Dallas	1	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	3
Davis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3
Des Moines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Dickinson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Dubuque	3	-	-	-	-	1	-	-	-	-	-	-	-	-	9	-	-	1	14
Hardin	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Harrison	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Jackson	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	5
Jasper	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Jefferson	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Johnson	2	-	-	-	-	-	(1)	1	-	-	1	-	2 (1)	-	-	-	4	-	12
Jones	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Kossuth	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Lee	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Linn	4	1	-	-	-	-	(3)	-	-	-	-	-	1	-	1	-	-	-	10
Madison	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Marion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Marshall	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Mills	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Montgomery	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Muscatine	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Pocahontas	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Polk	10	-	-	-	-	-	2 (1)	-	1	-	1	-	-	-	1	1	6	1	24
Pottawattam	2	-	-	-	-	-	3	1	-	-	-	1	-	-	-	-	1	-	8
Poweshiek	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Scott	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	2
Shelby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Sioux	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Story	4	1	-	-	-	-	1	-	-	-	-	-	-	1	1	-	2	2	12
Tama	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Wapello	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Warren	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2
Wayne	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Worth	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Total	47	2	1	3	2	6	13	7	1	1	2	2	4	1	16	2	29	5	144

\*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

# Case Counts for February 2016 – January 2017

## Counties A-E

Confirmed and Probable Cases

	Anaplasmosis	Babesiosis	Brucellosis	Campylobacter	Chikungunya	Cholera	CRE Citrobacter	CRE Enterobacter	CRE Escherichia coli	CRE Klebsiella	Cryptosporidium	Cyclospora	Dengue	E. coli (STEC)	Ehrlichioses	Ehrlichioses/Anaplasmosis undetermined	HUS	Giardia	Hansen	Hepatitis A	Hepatitis E	Hepatitis B acute	Hepatitis B chronic	Hepatitis D co-infection - acute	Legionella	Listeria	Lyme	Malaria	Mumps	N. meningitidis	Pertussis	Q Fever Acute	Q Fever Chronic	Rocky Mountain spotted fever	Salmonella	Shigella	Tetanus	Tularemia	Typhoid fever	VISA	West Nile Virus Neuroinvasive	Total	
Adair	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	
Adams	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Allamakee	0	0	0	6	0	0	0	0	0	0	4	0	0	1	0	0	0	2	0	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	3	1	0	0	0	0	23	
Appanoose	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	10	
Audubon	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	7	
Benton	0	0	0	11	0	0	0	0	0	0	4	0	0	3	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	8	0	0	0	0	0	0	30	
Black Hawk	0	0	0	23	0	0	0	0	0	0	5	0	0	2	0	0	0	1	9	0	0	1	9	1	1	0	1	1	0	2	0	0	0	0	0	3	34	3	0	0	0	0	294
Boone	0	0	0	8	0	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9	0	1	0	0	6	0	0	0	0	1	30	
Bremer	0	0	0	3	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7	4	0	0	0	0	0	25	
Buchanan	1	0	0	10	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	0	0	4	0	7	0	1	0	0	0	9	1	0	0	0	0	39	
Buena Vista	0	0	0	10	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	19	
Butler	0	0	0	5	0	0	0	0	0	0	1	0	0	3	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	0	0	0	0	17	
Calhoun	0	0	0	11	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	18
Carroll	0	1	0	9	0	0	0	0	0	0	9	0	1	7	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	3	0	2	0	0	0	11	0	0	0	0	0	45
Cass	0	0	0	4	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	1	0	0	0	0	0	0	14	
Cedar	0	0	0	9	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	1	0	0	0	2	3	0	0	0	0	24	
Cerro Gordo	0	0	0	15	0	0	0	0	0	0	101	0	0	1	0	0	0	3	0	0	0	2	0	0	1	0	0	0	0	0	2	0	0	0	0	6	0	0	0	0	0	0	131
Cherokee	0	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8	
Chickasaw	0	0	0	3	0	0	0	0	0	0	1	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	18	1	1	0	0	0	0	33
Clarke	0	0	0	6	0	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	19	
Clay	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	9	
Clayton	1	0	0	15	0	0	0	0	0	0	13	0	0	4	0	1	0	5	0	0	0	0	0	0	1	0	12	0	1	0	3	0	0	0	3	2	0	0	0	0	0	0	61
Clinton	0	0	0	8	0	0	0	0	0	0	1	0	0	3	0	0	0	1	0	0	0	1	0	1	0	1	0	4	0	0	0	3	0	0	0	12	4	0	0	0	0	2	40
Crawford	0	0	0	6	0	0	0	0	0	0	3	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	6	5	0	0	0	0	32	
Dallas	0	0	0	29	0	0	0	0	0	1	10	4	1	10	0	0	0	7	0	0	0	0	0	0	2	0	2	0	0	0	0	4	0	0	1	14	9	0	0	0	0	0	94
Davis	0	0	0	5	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	11	
Decatur	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	9	
Delaware	0	0	0	20	0	0	0	0	0	0	4	0	0	4	0	0	0	1	0	1	0	0	0	0	0	0	5	0	0	26	0	1	0	0	0	3	0	0	0	0	0	0	65
Des Moines	0	0	0	9	0	0	0	0	0	0	7	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	10	0	0	0	0	0	1	31	
Dickinson	0	0	0	7	0	0	0	0	0	0	5	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	21	
Dubuque	4	0	0	63	0	0	0	0	0	0	58	0	0	25	2	1	0	17	0	0	0	0	4	0	1	1	22	0	105	0	0	0	1	0	1	32	191	0	0	0	0	0	528
Emmet	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	11	



# Case Counts for February 2016 – January 2017

## Counties F-M

### Confirmed and Probable Cases

	Anaplasmosis	Babesiosis	Brucellosis	Campylobacter	Chikungunya	Cholera	CRE Citrobacter	CRE Enterobacter	CRE Klebsiella	Cryptosporidium	Cyclospora	Dengue	E.coli (STEC)	Ehrlichioses	Ehrlichioses/Ahnaplasmosis undetermined	Giardia	Hansen	Hepatitis A	Hepatitis B acute	Hepatitis B chronic	Hepatitis D co-infection - acute	Legionella	Listeria	Lyme	Malaria	Mumps	N. meningitidis	Pertussis	Q Fever Acute	Q Fever Chronic	Rocky Mountain spotted fever	Salmonella	Shigella	Tetanus	Tularemia	Typhoid fever	VISA	West Nile Virus Neuroinvasive	Total		
Fayette	1	0	0	10	0	0	0	0	0	6	0	0	0	0	0	0	1	0	0	0	0	1	0	4	0	4	0	0	0	0	0	0	0	3	0	0	0	0	0	0	30
Floyd																																	12	0	0	0	0	0	27		
Franklin	0	0	0	6	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	10		
Fremont	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	8		
Greene	0	0	0	7	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	13		
Grundy	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	4	0	0	0	0	0	16		
Guthrie	0	0	0	9	0	0	0	0	0	1	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	18	
Hamilton	0	0	0	5	0	0	0	0	0	3	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	1	0	0	0	18		
Hancock	0	0	0	7	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	13		
Hardin	0	0	0	11	0	0	0	0	0	3	0	1	1	0	0	0	1	0	0	1	0	0	0	1	1	0	10	0	0	0	0	0	0	8	0	0	0	0	39		
Harrison	0	0	0	8	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	5	3	0	0	0	23		
Henry	0	0	0	3	0	0	0	0	0	7	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	1	20	
Howard	0	0	0	5	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	10	
Humboldt	0	0	0	8	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	18	
Ida	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	5		
Iowa	0	0	0	8	0	0	0	0	0	2	0	0	1	0	0	0	5	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	51	
Jackson	0	0	0	16	0	0	1	0	0	5	0	0	5	0	0	0	1	0	0	0	2	0	0	5	0	0	0	8	4	0	0	0	0	0	0	0	0	0	0	47	
Jasper	0	0	0	10	0	0	0	0	0	8	0	0	3	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	9	0	0	0	0	0	36	
Jefferson	1	0	0	0	0	0	0	0	0	5	0	0	2	0	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	17	
Johnson	0	0	0	35	0	0	0	0	0	6	0	0	13	1	0	0	12	0	0	0	25	0	1	0	39	3	64	0	10	0	0	0	1	49	21	0	0	1	0	2	283
Jones	0	0	0	9	0	0	0	0	0	11	0	0	7	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	3	2	0	0	0	0	36	
Keokuk	0	0	0	8	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	14	
Kossuth	0	0	0	9	0	0	0	0	0	4	0	0	1	0	0	0	3	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	21	
Lee	0	0	0	3	0	0	0	0	0	2	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	18		
Linn	0	0	0	62	1	0	1	0	0	37	4	0	20	0	0	0	11	0	3	0	0	18	0	2	0	40	3	14	0	1	0	0	1	51	4	0	0	0	0	1	274
Louisa	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5		
Lucas	0	0	0	5	0	0	0	0	0	4	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	24		
Lyon	0	0	0	17	0	0	0	0	0	19	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	3	1	0	0	0	3	48	
Madison	0	0	0	7	0	0	0	0	0	9	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	1	1	0	0	6	0	0	0	0	0	32		
Mahaska	0	0	0	8	0	0	0	0	0	7	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	5	0	0	0	0	0	25	
Marion	0	0	0	9	0	0	0	0	0	6	0	0	1	0	0	0	3	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	9	1	0	0	0	0	34	
Marshall	0	0	0	8	0	0	0	0	1	1	0	0	7	0	0	0	1	0	0	0	9	0	0	1	1	1	0	1	0	0	0	0	0	5	0	0	0	0	36		
Mills	0	0	0	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	17	0	0	0	0	4	17	0	0	0	28		
Mitchell	0	0	0	6	0	0	0	0	0	13	0	0	5	0	0	0	4	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	4	0	0	0	0	0	37	
Monona	0	0	0	9	0	0	0	0	0	5	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	17	
Monroe	0	0	0	3	0	0	0	0	0	5	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	24	
Montgomery	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
Muscatine	0	0	0	5	0	0	0	0	0	4	0	0	2	0	0	0	2	0	0	0	1	0	1	0	6	0	4	0	5	0	0	0	0	13	2	0	0	0	0	45	

# Case Counts for February 2016 – January 2017

## Counties O-W

Confirmed and Probable Cases

	Anaplasmosis	Babesiosis	Brucellosis	Campylobacter	Chikungunya	Cholera	CRE Citrobacter	CRE Enterobacter	CRE Escherichia coli	CRE Klebsiella	Cryptosporidium	Cyclospora	Dengue	E.coli (STEC)	Ehrlichiosis	Ehrlichiosis/Anaplasmosis undetermined	Giardia	Hansen	Hepatitis A	Hepatitis E	Hepatitis B acute	Hepatitis B chronic	Hepatitis D co-infection - acute	Legionella	Listeria	Lyme	Malaria	Mumps	N. meningitidis	Pertussis	Q Fever Acute	Q Fever Chronic	Rocky Mountain spotted fever	Salmonella	Shigella	Tetanus	Tularemia	Typhoid fever	VISA	West Nile Virus Neuroinvasive	Total		
O'Brien	0	0	0	8	0	0	0	0	0	0	2	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	19
Osceola	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	8		
Page	0	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	16		
Palo Alto	0	0	0	3	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
Plymouth	0	0	0	11	0	0	0	0	0	0	24	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	2	54			
Pocahontas	0	0	0	7	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	12		
Polk	0	0	0	126	0	0	0	0	0	0	124	6	0	29	0	0	1	44	0	3	2	4	86	0	5	0	14	6	18	0	32	1	0	0	101	37	0	1	0	0	0	640	
Portawattamie	0	0	0	20	0	0	0	0	0	0	6	0	0	10	0	0	1	2	0	0	0	1	7	0	1	0	0	0	1	0	2	0	0	2	11	10	0	0	0	0	2	76	
Poweshiek	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	8		
Ringgold	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3		
Sac	0	0	0	11	0	0	0	0	0	0	2	0	0	1	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	24		
Scott	0	0	0	24	1	0	0	0	0	0	5	0	1	5	0	0	0	8	0	0	1	19	0	11	0	8	3	8	1	22	0	0	0	0	30	27	0	0	0	1	1	177	
Shelby	0	0	0	7	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	3	0	0	0	0	0	1	22		
Sioux	0	0	0	24	0	0	0	0	0	0	27	0	1	3	0	0	0	10	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	18	1	0	0	0	0	11	97	
Story	0	0	1	16	0	0	1	0	0	0	10	0	0	16	0	0	0	8	0	2	0	10	0	1	0	5	1	66	0	0	0	1	0	0	11	3	0	1	0	0	0	153	
Tama	0	0	0	6	0	0	0	0	0	0	3	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	8	1	0	0	0	0	1	27		
Taylor	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	7		
Union	0	0	0	5	0	0	0	0	0	0	2	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	13		
Van Buren	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		
Wapello	0	0	0	19	0	0	0	0	0	0	12	0	0	1	0	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	42	
Warren	0	0	0	15	0	1	0	0	0	0	9	0	0	3	0	0	0	5	0	0	0	1	0	0	0	4	0	8	0	16	0	1	0	1	0	17	6	0	0	0	0	86	
Washington	0	0	0	14	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	3	3	0	0	0	0	28		
Wayne	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	6		
Webster	0	0	0	11	0	0	0	0	0	0	4	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6	7	0	0	0	0	33		
Winnebago	0	0	0	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	9		
Winneshiek	0	0	0	8	0	0	0	0	0	0	10	0	0	3	0	0	0	3	0	0	0	0	0	0	7	1	6	0	0	0	0	0	0	2	0	0	0	0	0	0	40		
Woodbury	0	0	0	15	0	0	0	0	0	0	34	0	0	8	0	0	0	4	0	0	0	14	0	0	0	0	0	1	0	2	0	0	0	0	14	5	0	0	0	0	2	99	
Worth	0	0	0	6	0	0	0	0	0	0	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	16		
Wright	0	0	0	5	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	11		
Total	8	1	1	1044	2	1	2	1	3	2	736	14	6	293	4	2	5	240	1	14	3	10	230	1	33	3	221	21	610	3	142	6	1	11	752	397	2	3	2	1	37	4869	



# Campylobacteriosis Summary

February 1, 2016 – January 31, 2017

Confirmed and Probable Cases

47

Statewide campylobacteriosis cases  
in January  
(confirmed, probable, and suspect\*)

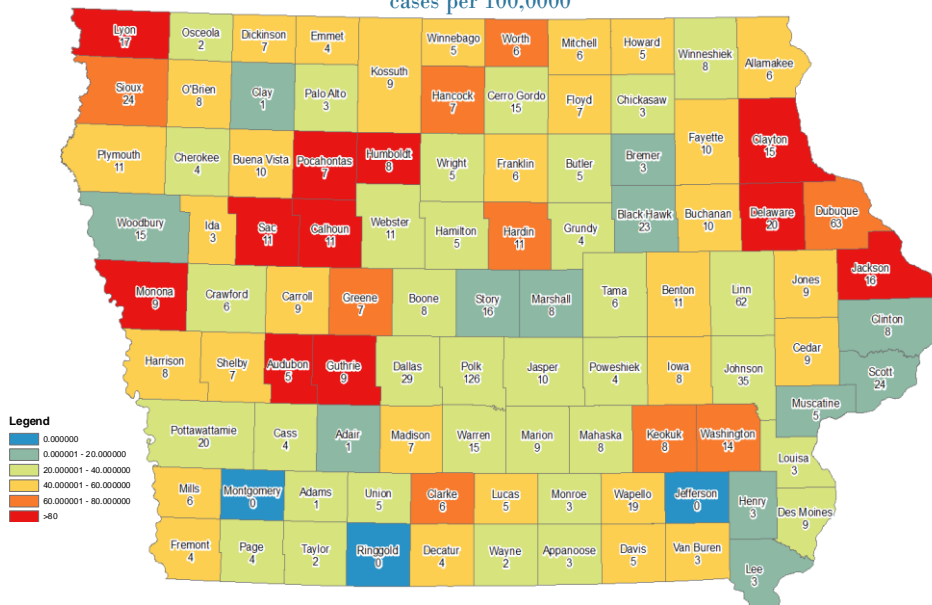
1044

Statewide campylobacteriosis cases  
in the past 12 months  
(confirmed and probable)

659

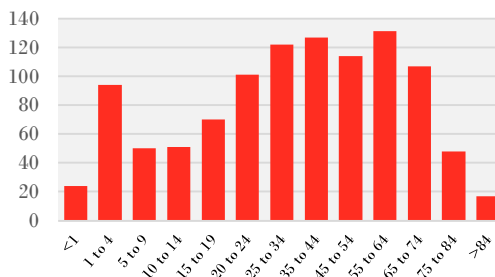
Average statewide  
campylobacteriosis cases in the past  
5 years for the same time period  
(confirmed and probable)

12 Month county rates of campylobacteriosis  
cases per 100,000

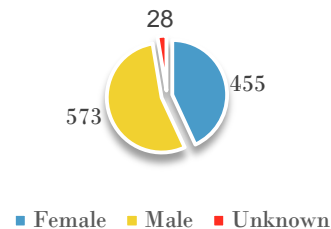


Note that rates based on <20 cases are not reliable and should be interpreted with caution

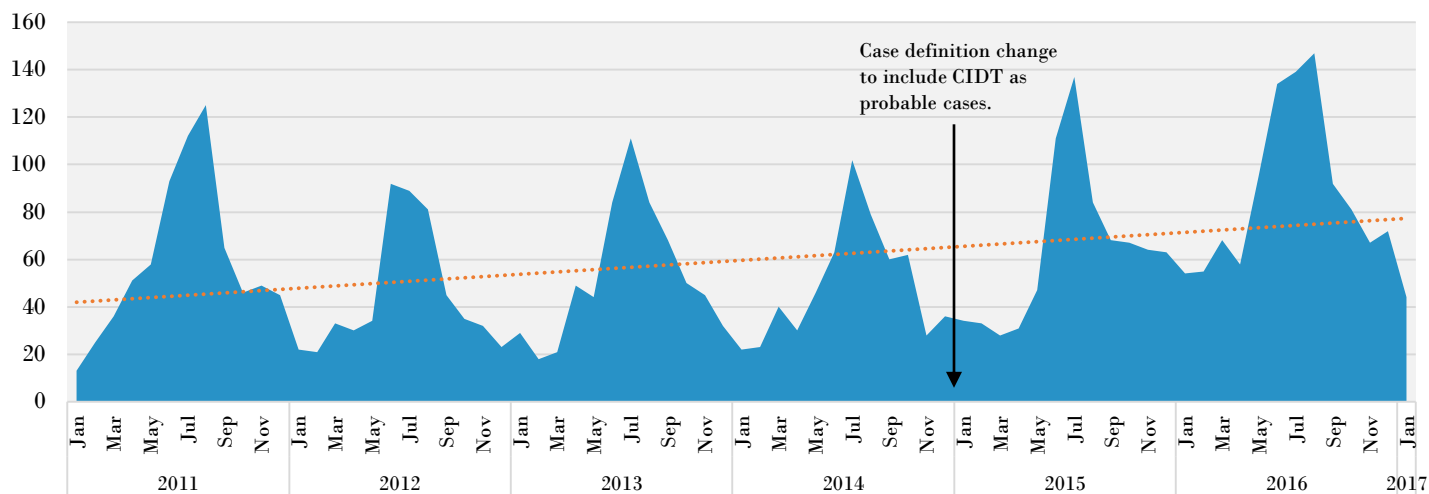
Campylobacteriosis cases by age past 12  
months



Campylobacteriosis cases by  
gender past 12 months



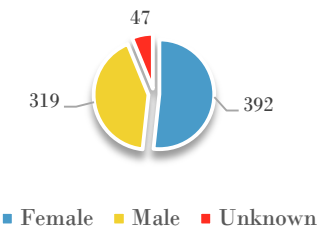
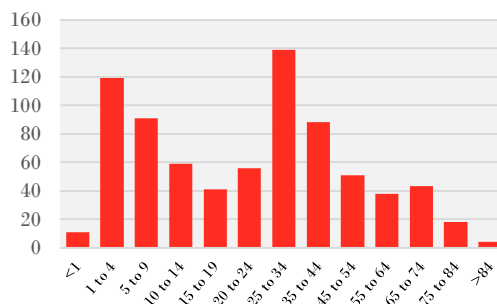
Reported campylobacteriosis cases by month reported



\*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

## Confirmed and Probable Cases

Average statewide  
cryptosporidiosis cases in the past  
5 years for the same time period  
(confirmed and probable)



The chart displays the monthly volume of tweets over a six-year period. The y-axis represents the number of tweets, ranging from 0 to 700. The x-axis shows months from January 2011 to January 2017. A red dotted line indicates a baseline level of approximately 40 tweets per month. A major peak occurs in late 2013, reaching nearly 600 tweets. An inset chart provides a detailed view of the period from February 2016 to January 2017, showing a peak in August 2016 at approximately 180 tweets. A red box highlights the period from January to September 2016, with an arrow pointing to the inset chart.

Year	Jan	Mar	May	Jul	Sep	Nov
2011	20	25	30	60	40	30
2012	10	15	20	50	30	20
2013	10	15	20	50	580	20
2014	10	15	20	40	20	10
2015	10	15	20	50	60	20
2016	10	15	20	180	180	10
2017	10	15	20	10	10	10

10

# E. coli (STEC) Summary

February 1, 2016 – January 31, 2017

Confirmed and Probable Cases

13

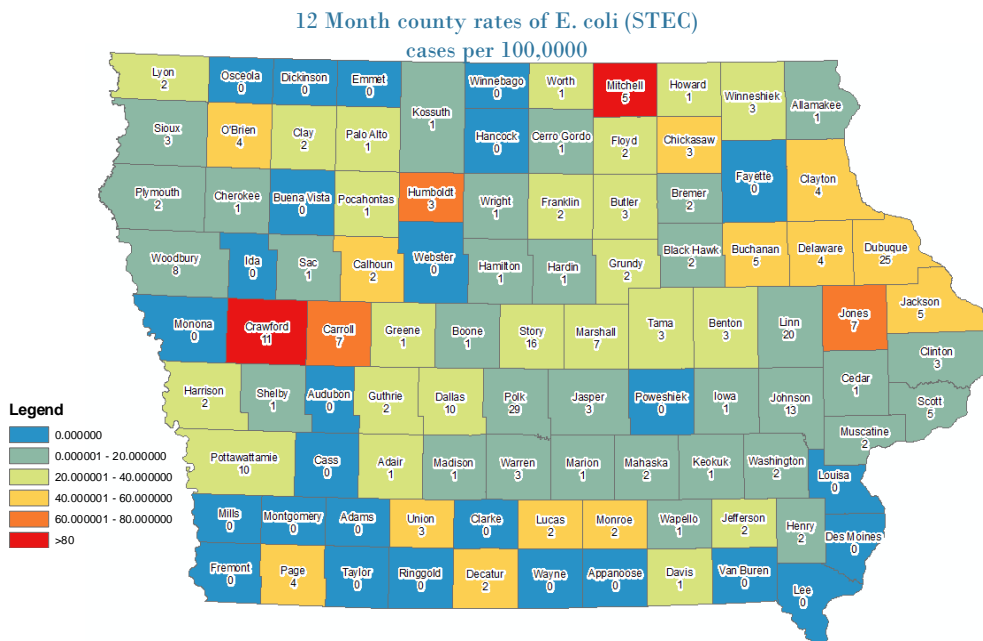
Statewide E. coli (STEC) cases in  
January  
(confirmed, probable, and suspect\*)

293

Statewide E. coli (STEC) cases in  
the past 12 months  
(confirmed and probable)

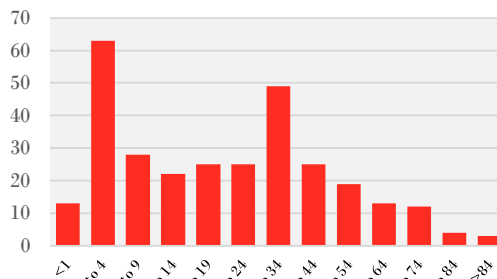
187

Average statewide E. coli (STEC)  
cases in the past 5 years for the  
same time period  
(confirmed and probable)

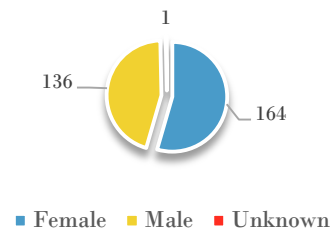


Note that rates based on <20 cases are not reliable and should be interpreted with caution

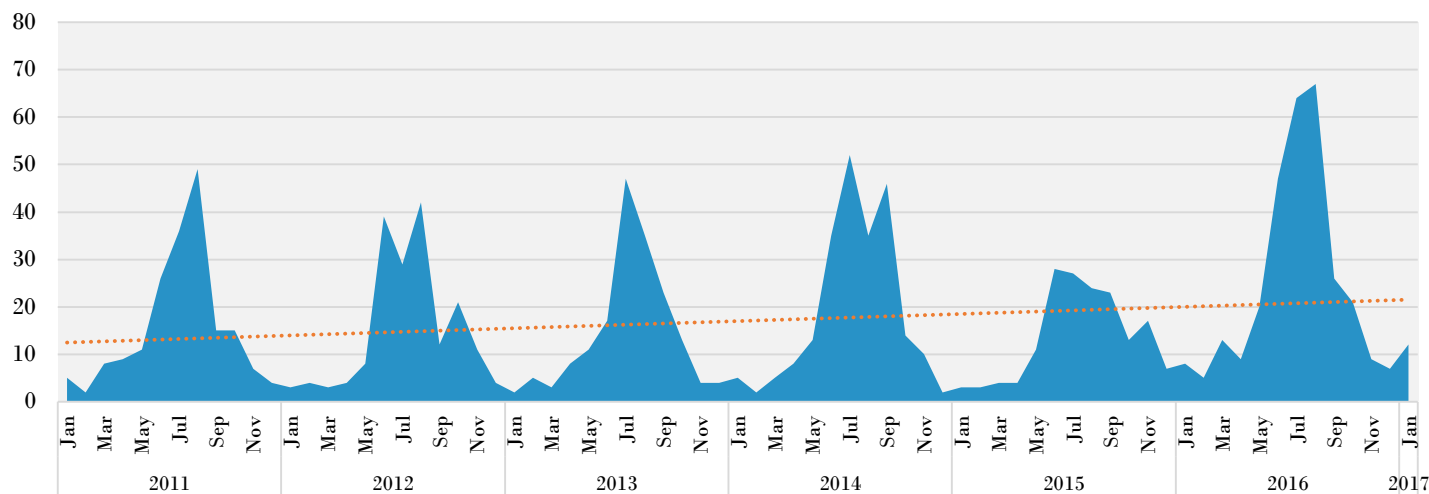
E. coli (STEC) cases by age past 12 months



E. coli (STEC) cases by  
gender past 12 months



E. coli (STEC) cases by month reported



\*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

# Mumps Summary

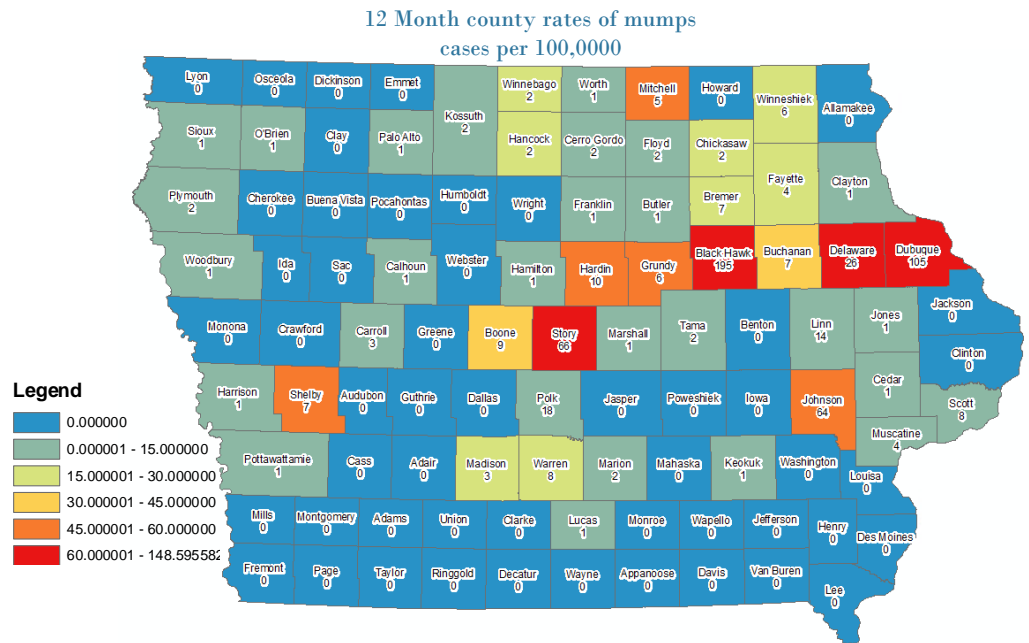
## February 1, 2016 – January 31, 2017

### Confirmed and Probable Cases

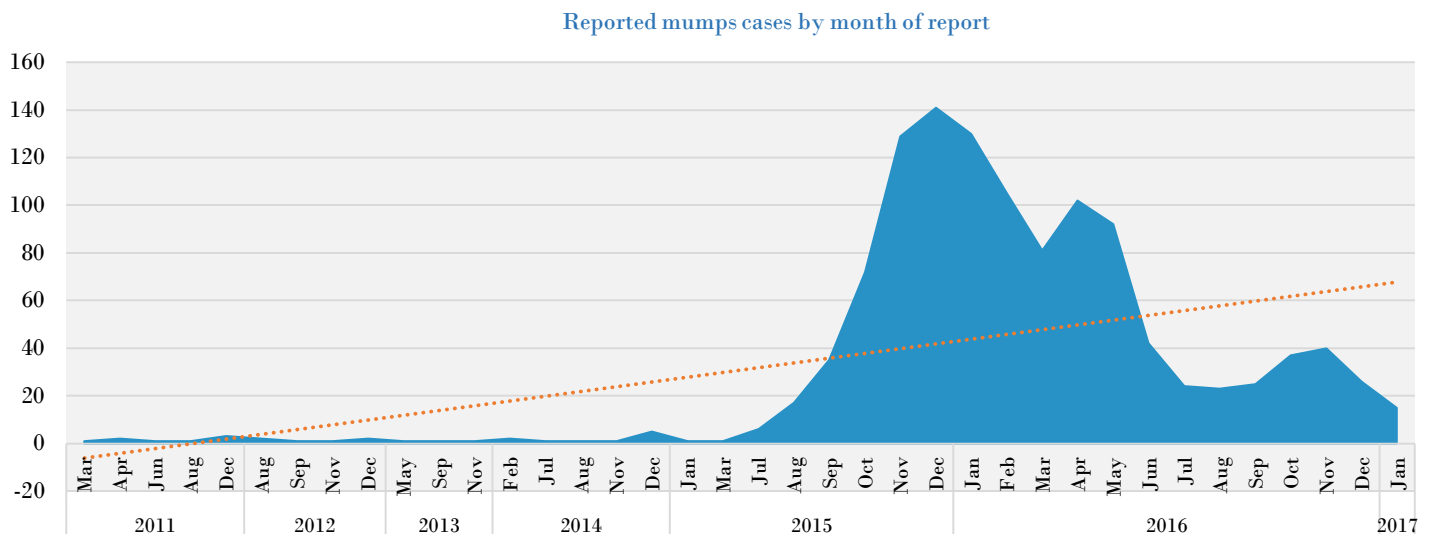
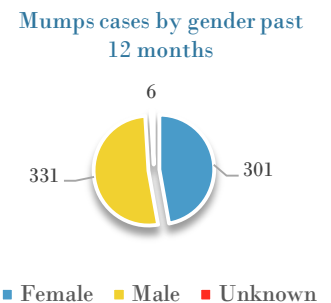
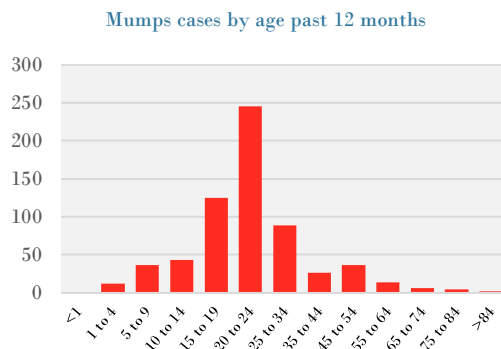
**16**  
Statewide mumps cases in  
January  
(confirmed, probable, and suspect\*)

**610**  
Statewide mumps cases in the  
past 12 months  
(confirmed and probable)

**107**  
Average statewide mumps cases  
in the past 5 years for the same  
time period  
(confirmed and probable)



Note that rates based on <20 cases are not reliable and should be interpreted with caution



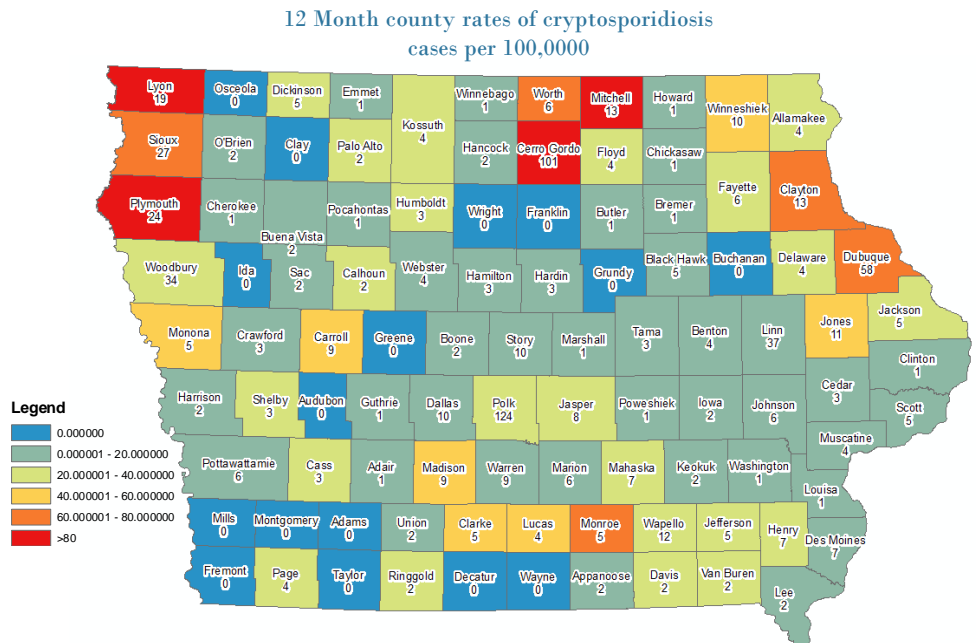
# Pertussis Summary

February 1, 2016 – January 31, 2017  
Confirmed and Probable Cases

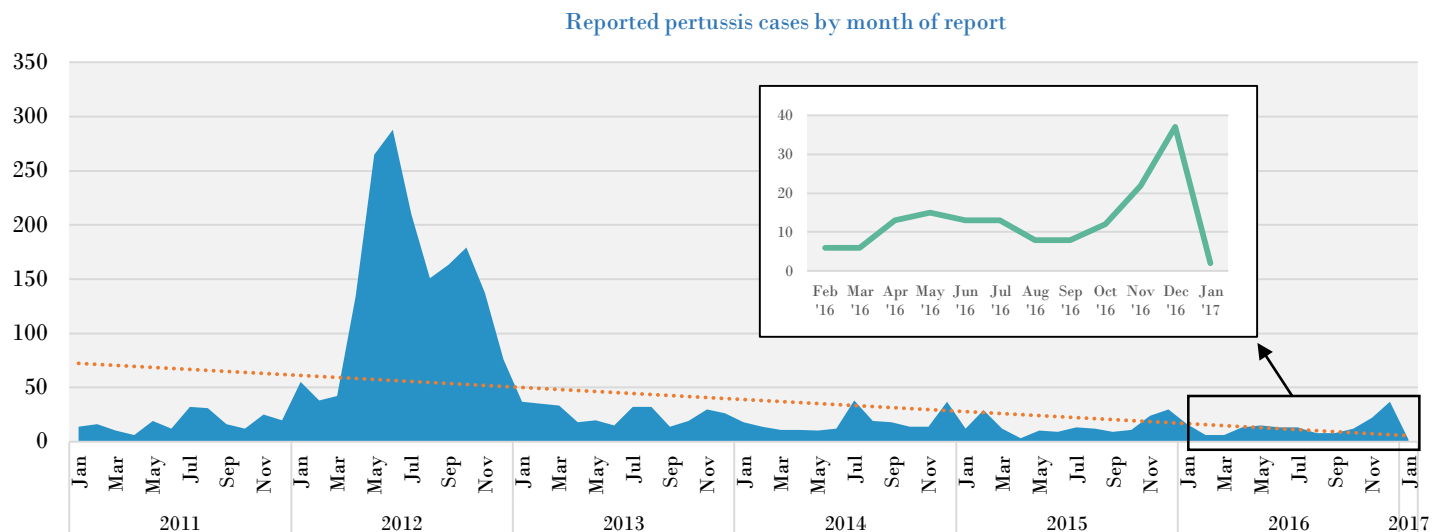
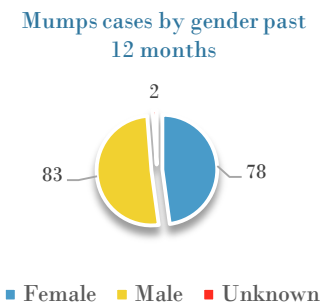
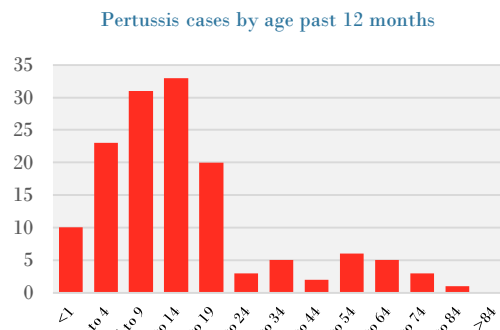
**2**  
Statewide pertussis cases in  
January  
(confirmed, probable, and suspect\*)

**142**  
Statewide pertussis cases in the  
past 12 months  
(confirmed and probable)

**532**  
Average statewide pertussis cases  
in the past 5 years for the same  
time period  
(confirmed and probable)



Note that rates based on <20 cases are not reliable and should be interpreted with caution



\*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

# Salmonellosis Summary

February 1, 2016 – January 31, 2017

Confirmed and Probable Cases

29

Statewide salmonellosis cases in  
January  
(confirmed, probable, and suspect\*)

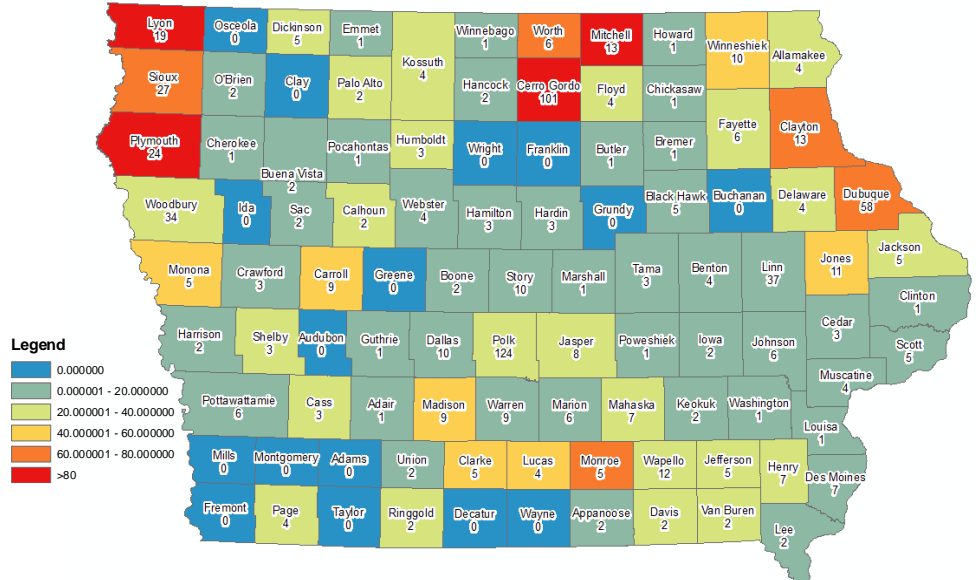
752

Statewide salmonellosis cases in  
the past 12 months  
(confirmed and probable)

532

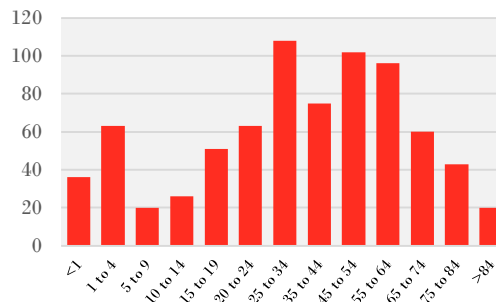
Average statewide pertussis cases  
in the past 5 years for the same  
time period  
(confirmed and probable)

12 Month county rates of cryptosporidiosis  
cases per 100,000

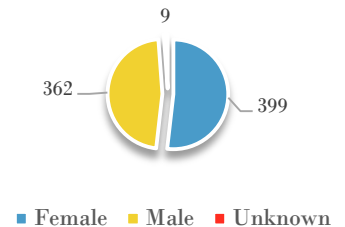


Note that rates based on <20 cases are not reliable and should be interpreted with caution

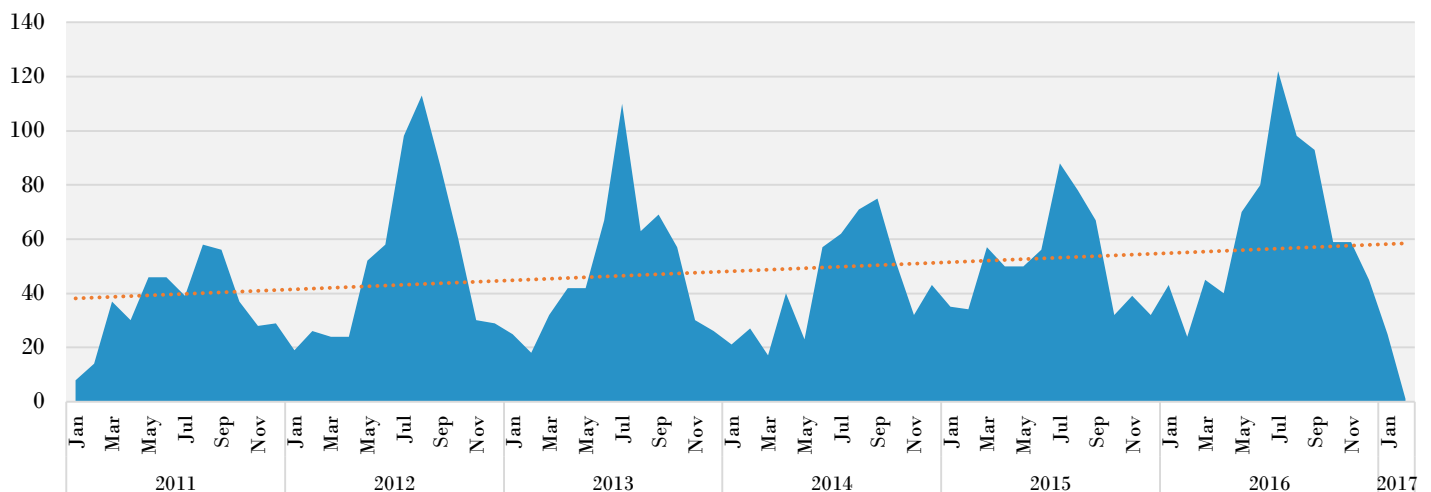
Salmonellosis cases by age past 12 months



Salmonellosis cases by  
gender past 12 months



Reported pertussis cases by month of report



\*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

# Shigellosis Summary

February 1, 2016 – January 31, 2017  
Confirmed and Probable Cases

5

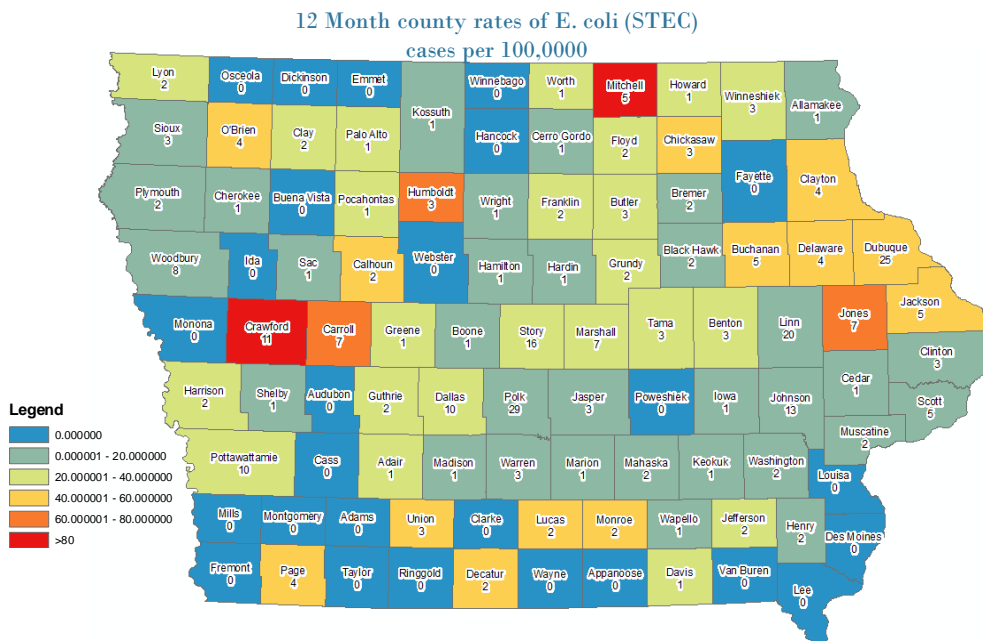
Statewide shigellosis cases in  
January  
(confirmed, probable, and suspect\*)

397

Statewide shigellosis cases in the  
past 12 months  
(confirmed and probable)

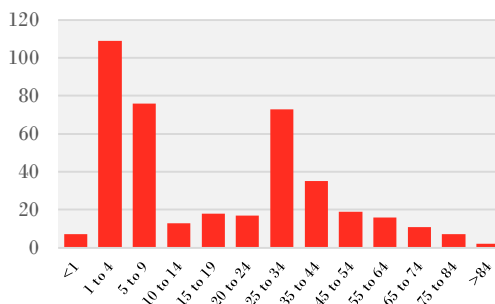
274

Average statewide shigellosis  
cases in the past 5 years for the  
same time period  
(confirmed and probable)

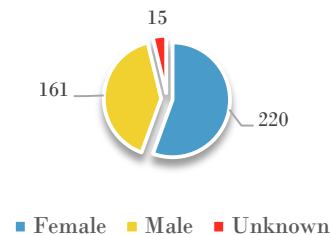


Note that rates based on <20 cases are not reliable and should be interpreted with caution

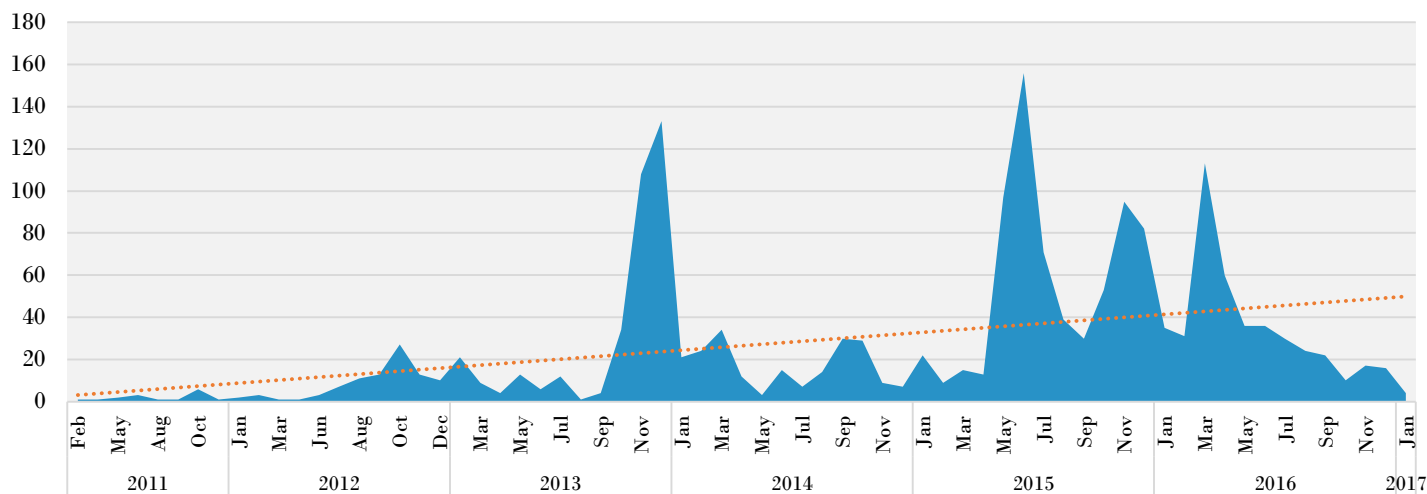
Shigellosis cases by age past 12 months



Shigellosis cases by gender past 12 months



Shigellosis cases by month reported



\*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.



# IOWA DEPARTMENT OF PUBLIC HEALTH

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## CENTER FOR ACUTE DISEASE EPIDEMIOLOGY

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